

Form PTO 1449 Rev. 7-80	U.S. Department of Commerce Patent and Trademark Office LIST OF PRIOR ART CITED BY APPLICANT (Use Several Sheets If Necessary)	Atty. Docket No. Mo-6884 / LeA 33,871	Serial No. 10/030,928
		Applicant Ernst Rudolf F. Gesing et al	
		Filing Date January 11, 2002	Group 1625

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
O I P E DEC 16 2002 PATENT & TRADEMARK OFFICE	AA	5,149,356	09/22/92	(Bel. to corresp. to EP Muller et al	431,291) 71	90	
	AB	5,238,910	08/24/93	(Bel. to corresp. to EP Muller et al	425,948 & 504	EP 431,291) 273	
	AC	5,241,074	08/31/93	(Bel. to corresp. to EP Daum et al	422,469 & 548	EP 341,489) 263.8	
	AD	5,276,162	01/04/94	(Bel. to corresp. to EP Muller et al	422,469, 548	EP 431,291, 263.4	EP 425,948 & EP 341,489)
	AE	5,300,480	04/05/94	(Bel. to corresp. to EP Haas et al	534,266) 504	273	
	AF	5,380,863	01/10/95	(Bel. to corresp. to EP Muller et al	422,469, 548	EP 431,291 & 263.6	EP 425,948)
	AG	5,380,864	01/10/95	(Bel. to corresp. to EP Muller et al	425,948 & 548	EP 431,291) 263.8	
	AH	5,405,970	04/11/95	(Bel. to corresp. to EP Daum et al	422,469 & 548	EP 341,489) 263.6	
	AI	5,488,028	01/30/96	(Bel. to corresp. to EP Haas et al	534,266) 504	193	
	AJ	5,532,378	07/02/96	(Bel. to corresp. to EP Daum et al	422,469 & 548	EP 341,489) 263.8	
	AK	5,534,486	07/09/96	(Bel. to corresp. to EP Muller et al	507,171) 504	273	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							Yes
	AL	* 0 482 349	04/29/92	Europe			
	AM	* 97 03980	02/06/97	World			
	AN	* 98 24787	06/11/98	World			
	AO	* 97 16449	05/09/97	World			
	AP	* 0 341 489	11/15/89	Europe			

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Austr. J. Chem., 48 (month unavailable) 1995, pgs. 1907-1916, The Synthesis and Biological Activity of 'Crippled Biotin' by S. A. Henderson, J. O'Connor, A. R. Rendina, G. P. Savage and G. W. Simpson			
		J. Org. Chem., 1980, 45, (month unavailable) pgs. 617-620, Aromatization of Dihydrothiophenes.		
AS	Thiophensaccharin: A Sweet Surprise by P. A. Rossy, W. Hoffmann, and N. Muller			
AT	EXAMINER	DATE CONSIDERED		6/10/03

EXAMINER Initial if references considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.

* Copies of documents previously submitted by WIPO.

Form PTO 1449 U.S. Department of Commerce
Rev. 7-80 Patent and Trademark Office
LIST OF PRIOR ART CITED BY APPLICANT
(Use Several Sheets If Necessary)

Atty. Docket No.
Mo-6884 / LeA 33,871

Serial No.
10/030,928

Applicant
Ernst Rudolf F. Gesing et al

Filing Date
January 11, 2002

Group
1625

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
O P E	J C 109	AA 5,541,337	07/30/96	(Bel. to corresp. to EP Muller et al	507,171) 548	263.6	
DEC 16 2002	CAB	5,554,761	09/10/96	(Bel. to corresp. to EP Haas et al	422,469 & 548	EP 534,266) 263,6	
PATENT & TRADEMARK OFFICE	AC	5,597,939	01/28/97	(Bel. to corresp. to EP Muller et al	507,171) 558	8	
	AD	5,599,944	02/04/97	(Bel. to corresp. to EP Muller et al	422,469, 548	EP 425,948 & 263.6	EP 431,291)
	AE	5,625,074	04/29/97	(Bel. to corresp. to EP Daum et al	422,469 & 548	EP 341,489) 263.8	
	AF	5,631,380	05/20/97	(Bel. to corresp. to EP Haas et al	422,469, 548	EP 534,266 & 263.4	EP 341,489)
	AG	5,652,372	07/29/97	(Bel. to corresp. to EP Muller et al	507,171, 548	EP 422,469 & 263.4	EP 341,489)
	AH	5,750,718	05/12/98	(Bel. to corresp. to EP Muller et al	422,469, 548	EP 341,489, 263.6	EP 431,291 & EP 425,946)
	AI	5,869,681	02/09/99	(Bel. to corresp. to EP Muller et al	507,171) 548	263.6	
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							Yes No*
	AL						
	AM						
	AN						
	AO						
	AP						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER AR		
AS		
AT		
		DATE CONSIDERED 6/10/03

EXAMINER Initial if references considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.

* Neither English Language Equivalent nor an English Language Translation is available.

Form PTO-1449
Rev. 7-80
U.S. Department of Commerce
Patent and Trademark Office
LIST OF PRIOR ART CITED BY APPLICANT
(Use Several Sheets If Necessary)
MAR 24 2003

Atty. Docket No.
Mo-6884 / LeA 33,871

Serial No.
10/030,928

Applicant
Ernst Rudolf F. Gesing et al

Filing Date
January 11, 2002

Group
1625

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>[Signature]</i>	AA	4,180,662	12/25/79	(Bel. to corresp. to EP Pfister et al	1,113) 544	48	
	AB	6,200,931 B1	03/13/01	(Bel. to corresp. to WO Müller et al	98/07721) 504	223	
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No*
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR						
	AS						
	AT						

[Signature]
EXAMINER

DATE CONSIDERED

6/10/03

EXAMINER Initial if references considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.

*

Neither English Language Equivalent nor an English Language Translation is available.